

The Technology Review

VOL. XIV

DECEMBER, 1912

No. 9

A GREAT REUNION IN NEW YORK

Indications show that the Technology Convention to be held there January 17 and 18 will far exceed early expectations. An effective local committee is arranging everything for your entertainment

The reunion to be held in New York City on Friday and Saturday, January 17 and 18, will be one of the largest gatherings of Technology men ever held anywhere. It comes half way between the five-year reunions and, although it may fall short of the attendance at the great reunion in Boston in 1909, there will certainly be a very large gathering. A strong local committee under the chairmanship of Ben. Hurd, '96, is attending to all the details relating to the reunion.

The occasion is the celebration of the tenth year since the New York Club was reorganized and it also commemorates the high-water mark of membership which has practically reached the one thousand names predicted early in the year. It will therefore be a time of congratulation and rejoicing, for the strength of the New York Club is indicative of the general prosperity of Technology interests everywhere. This will also be the first large meeting since the announcement was made of the recent large gifts to the Institute.

The program for the reunion is given in detail on another page. It fills the period from Friday noon until Saturday night, except Friday evening and Saturday afternoon.

Briefly the program is as follows: Register at headquarters Hotel Plaza on arrival in New York. Class luncheons at the Plaza at twelve o'clock Friday noon. Formation of Technology Clubs Associated, Friday afternoon at three o'clock. Breakfasts of societies and fraternities, Saturday morning at eight-thirty o'clock. Departmental luncheons, Saturday at one o'clock. Grand Alumni banquet, Saturday evening at seven o'clock. All except class luncheons to be held at the Plaza Hotel, corner of 59th Street and Fifth Avenue.

The Alumni Association in Boston will arrange for special cars on trains Friday and Saturday. It is expected that Washington and Philadelphia men will join together and arrange for similar transportation. The representatives of various Alumni Associations will arrange through their secretaries to take the same train for New York.

On another page is a notice in regard to hotel accommodations, and it is urged that intending visitors should make early arrangements if possible, as the automobile show will be in full swing at that time, and the hotels will undoubtedly be well patronized.

We append herewith short articles

technology review

Published by MIT

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from the chairmen of various New York local committees. Between one hundred and two hundred men connected with the New York Club are actively engaged in committee work, and as will be seen, every preparation for the comfort of guests is being made.

Progress on Arrangements

The New York local committee is lunching every Wednesday at the Technology Club to perfect arrangements for the big alumni meeting in January; and the present state of the plans is indicated in this number of the REVIEW in the form of bulletins, from the chairmen of sub-committees. The chairman of the whole local committee, Ben. Hurd, '96, and the chairman of the sub-committee on finance, Gerard Swope, '95, have no special reports to make. All that is being done, however, rests on Hurd's energy and enthusiasm, and Swope is making good progress with the task of securing a guarantee fund sufficient to cover all financial needs.

Preliminary announcements of the plans for the reunion have been made through the November, and now through the December number of THE TECHNOLOGY REVIEW and the monthly *Bulletin* of the New York Technology Club. A general notice was mailed from alumni headquarters to all past students about the middle of November. The final official notice with order blanks for tickets to all functions will go out about December 15, and final details will be announced through THE TECHNOLOGY REVIEW and the monthly *Bulletin* of the New York Technology Club in January.

C.-E. A. WINSLOW, '98,

Chairman, Sub-committee on Publicity.

Headquarters

The Headquarters Committee will maintain a permanent office at the Hotel Plaza during both days of the reunion. All Tech men attending the meetings are requested to register immediately upon their arrival. A file will be kept of all men registering, with their home address as well as where they can be reached in

New York, both alphabetically and by classes. Each man who registers will receive a Technology button and badge with space for his name, class and course.

Information can be secured at the office, of hotels, rates, etc., as well as theatres and other places of amusement, with all information desired regarding sight-seeing trips through the city.

It is hoped that the men of the same classes will arrange to stop at the same hotel, so that added enjoyment may be secured by them from the reunion through associating with their own classmates. It is also hoped that every man who expects to be in New York at that time will inform the committee of his intention, so that they can plan for his accommodation if he so wishes.

L. D. GARDNER, '98,

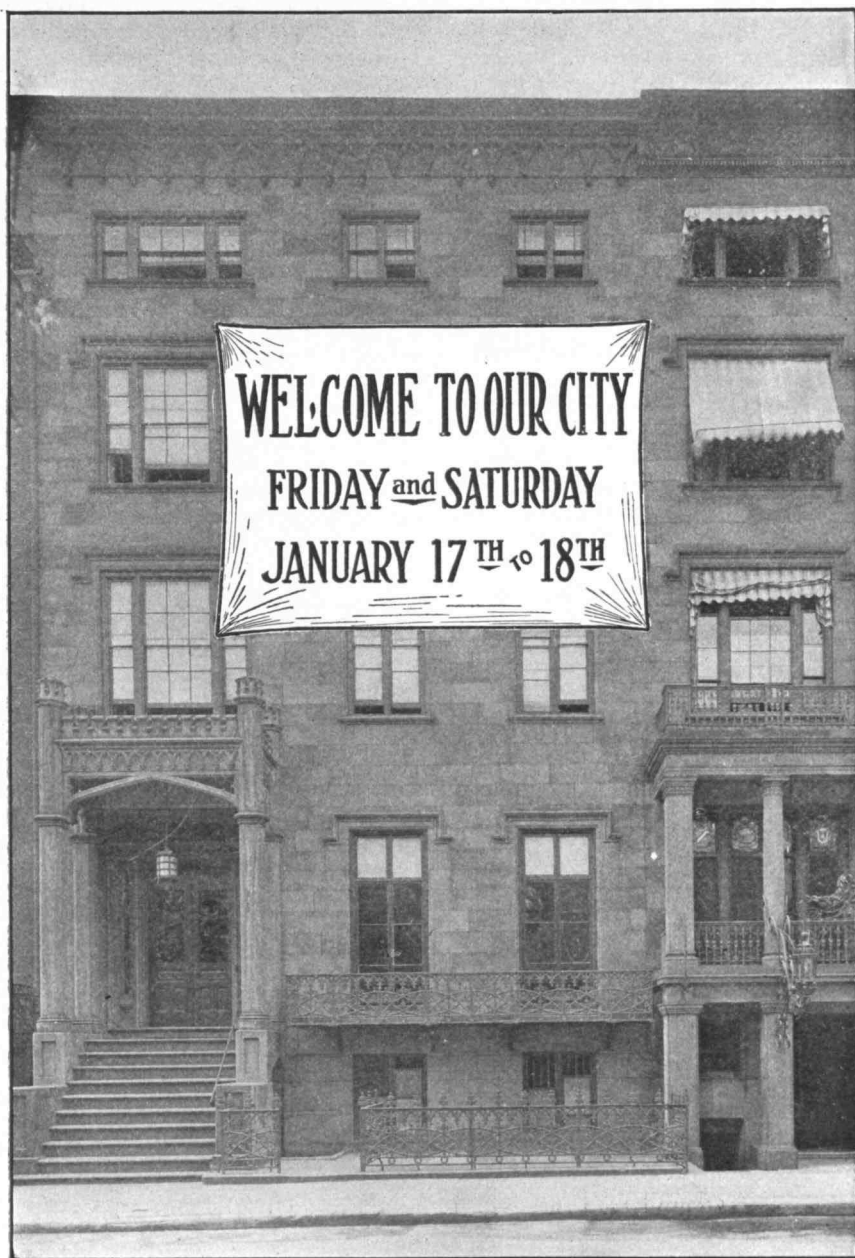
Chairman, Sub-committee on Headquarters.

Luncheons and Dinners

The general program as to luncheons and banquet is as follows:—The past students will assemble by courses at the Hotel Plaza on Friday, January 17, at 12.45 p.m. There will be six private rooms and the banquet hall available, and a buffet lunch will be served in the six private rooms to the following groups of departments: Courses I, VII and XI, Courses II and XIII, Courses III and XII, Course IV, Courses V, IX and X, Courses VI, VIII and XIV. Luncheon will be served promptly at 1 o'clock and will last 45 minutes. From 1.45 to 2 the men will assemble for the speechmaking in ten departmental groups as follows: Course I, Courses II and XIII, Courses III and XII, Course IV, Courses V and X, Course VI, Courses VII and XI, Courses VIII and XIV, Course IX, Course XIII. The six largest groups will remain in the private rooms and the four remaining groups will occupy the corners of the banquet hall.

Speeches and talks are to begin at 2 p.m. and extend to 2.45 p.m., breaking up then, in order to enable prompt assembling of mass meeting at 3 p.m.

Full information as to the location assigned to each course will appear on



The Technology Club of New York

placards, and ushers will be provided to see that all goes smoothly. Cost of buffet lunch, \$1.50.

All past students will assemble by classes at 12.45 on Saturday, January 18, and luncheon is to be served at 1 p.m. If a sufficient number attend, the class luncheons will be served in private rooms, a room to be assigned to each class, represented by twenty members or more. The earlier classes will be grouped so as to make the total attendance for each individual lunch at least twenty. If sufficient members do not attend to warrant private rooms, the class luncheons will be served in the banquet hall, a separate table being assigned to each class.

Classes desiring to do so may, of course, arrange for their luncheons at clubs or at hotels other than the Plaza. In this case, however, arrangements must be made by the classes themselves through their own representatives, and not through the local committee.

Full information as to meeting places, etc., will be given by means of placards at the Plaza and ushers will be provided to see that all goes smoothly.

Cost of luncheon, \$1.50.

For the banquet on the evening of Saturday, January 18, past students will assemble at the Hotel Plaza at 7.30 p.m.

A large diagram will be posted at the door indicating the general seating arrangement, which is to be by classes, and small placards will appear on tables clearly indicating the location of each class.

Place cards will appear at the speakers' table, assigning each speaker and guest of honor to particular location.

Ushers will also be fully posted as to details of location.

Cost of banquet, \$5.00.

E. H. HUXLEY, '95,

Chairman, Sub-committee on Dinner.

Reception Committee

The Reception Committee is organized as follows:—George M. Basford, '89, D. C. Fenner, '98, J. P. B. Fiske, '89, H. Ward Leonard, '83, Alex. Rice McKim, '86, George F. Sever, '87, P. H. Thomas, '93, G. V. Wendell, '92, Calvin W. Rice, '90, chairman.

The sub-committees in charge of separate functions are as follows:—Departmental luncheons, 12 m., January 17, J. P. B. Fiske; meeting, 3 p.m., January 17, D. C. Fenner; Banquet, 7 p.m., January 18, G. V. Wendell.

I am pleased to report that each sub-committee chairman has the matter in hand as follows:

Departmental luncheons: A toastmaster for the luncheon itself and a "booster" to secure the largest attendance has been selected for each of the fourteen courses of Technology together with additional aides to supply the requirements of the speakers and honorary committees; for the meeting and for the banquet we have an adequate number of aides to wait upon the speakers and honorary committees, the presiding officer for these functions having already been selected in the presidents respectively of the Technology Club of New York and of the Alumni Association.

CALVIN W. RICE, '90,

Chairman, Sub-committee on Reception.

Speakers

It is planned to have two (in a few instances, three) speakers for each departmental luncheon. The following have already accepted:—Course I, Prof. C. M. Spofford, Prof. G. F. Swain; Course II, Prof. E. F. Miller, Prof. G. Lanza, Dean Goss, of the University of Illinois; Courses III and XII, Prof. R. H. Richards and Prof. W. Lindgren; Course IV, Prof. F. W. Chandler and Prof. J. Knox Taylor; Courses V and X, Prof. H. P. Talbot and Prof. W. H. Walker; Course VI, Prof. D. C. Jackson, Prof. Elihu Thomson, Mr. Ganot Dunn; Courses VII and XI, Prof. W. T. Sedgwick and Mr. Rudolph Hering; Courses VIII and XIV, Prof. C. R. Cross and Prof. H. M. Goodwin; Course IX, Prof. D. R. Dewey and Prof. H. G. Pearson; Course XIII, Prof. C. H. Peabody.

At the mass meeting on Friday afternoon, the following speakers have accepted our invitation to address us:—President R. C. Maclaurin, Mr. John R. Freeman, who will speak of the plans for the New

Technology, Prof. D. R. Dewey, Prof. A. A. Noyes and Prof. W. T. Sedgwick.

For the banquet on Saturday night, President Maclaurin, President A. C. Humphreys of the Stevens Institute of Technology, and Mr. John V. Bouvier, Jr., have promised to speak. There will be two other speakers whose names cannot at present be announced.

B. STOUGHTON, '96,
Chairman, Sub-committee on Speakers.

The Technology Clubs Associated

If the general plan for the formation of the new organization, the Technology Clubs Associated, is approved it is proposed on the afternoon of January 17 to adopt a constitution, elect officers, and indicate the place of the annual meeting in the following year. The voting is to be by clubs or associations, each club or association having representation on the Alumni Council to be entitled to become a regular member of the organization and to cast one ballot, all other clubs or associations to be entitled to associate membership.

The proposed object of the organization is to maintain a federation which, by holding annual meetings in various parts of the United States and by coöperation with the Alumni Association, shall promote social intercourse among members of the local clubs and associations and develop their activity, thus contributing to the welfare of the Alumni Association and of the Institute.

Prior to the meeting in January 17, copies of the proposed constitution will be sent to the secretaries of every local alumni club or association with request for criticism and suggestion.

WILLIAM H. KING, '94,
Chairman, Sub-committee on Constitution.

Tea

Tea will be served on the afternoon of Friday, January 17, between 4 and 6 o'clock in the southeast room on the main floor of the Hotel Plaza. The following patronesses have already accepted:—Mrs. Richard C. Maclaurin, Mrs. William W. Bosworth, Mrs. Benjamin Hurd,

Mrs. William T. Sedgwick, Mrs. G. V. Wendell and Mrs. C.-E. A. Winslow.

Experiments will be conducted through the medium of sundry solids and liquids, to prove the existence of a well-defined affinity between Technology and the eternal feminine. The success of this feature of the two-day program is established by the fact that each Tech man will be provided with two tickets of admission *free of charge*, the assumption being that no man has more than one wife or sweetheart. Additional tickets, however, may be had on application, for fifty cents each, and no questions asked.

O. C. HERING, '97,
Chairman, Sub-committee on Tea.

Class Luncheons

The class luncheons will be held as announced on Saturday, January 18, at 1 p.m. Many classes will no doubt desire to arrange their own luncheons at other places than the Plaza but for all classes which desire it the local committee will arrange for a luncheon at headquarters at \$1.50 per head. The classes from 1868 to 1880, inclusive, will, it is expected, lunch together and the classes from 1881 to 1884 will probably form another group. Classes or groups of classes represented by twenty or more members will be provided with private rooms and smaller classes will be accommodated in the banquet hall.

The local committee will present two handsome cups for attendance at the class luncheons, one to the individual coming from the greatest distance and the other to the class turning out the largest number at its class luncheon.

Class boosters or local representatives have been selected to have immediate charge of the plans for class luncheons and the undersigned is in correspondence with the class secretaries to enlist their active interest in the event.

G. F. SEVER, '87,
Chairman, Sub-committee on Luncheons.

Open House

The Technology Club of New York will hold open house on January 17, 18 and 19.

Alumni are invited to come to the club house, 17 Gramercy Park, at any time during these three days, to learn of alumni club life in New York and the plans for an improved club house, and to meet members of the Open House Committee and the Board of Governors who will extend every courtesy to them.

A special registration book will be provided, and punch, lemonade, tea and light refreshments will be served.

On Friday evening, January 17, there will be an informal smoker with vaudeville, songs and music.

The plan is to extend the privileges of the club in this manner to every visitor that he may during the reunion enjoy the alumni home in New York; and the committee will endeavor to render every assistance to alumni who desire to visit art galleries or to join in sight-seeing expeditions.

WILLIAM H. KING, '94,
Chairman, Sub-committee on Open House.

Class Secretaries to Boom Reunion

At a meeting of the Association of Class Secretaries, held at the Technology Club, Boston, November 25, the Technology reunion in New York, January 17 and 18, was the topic for discussion. Plans for the event were outlined and it was shown that the hearty co-operation of the class secretaries was necessary to make this event a complete success. The general committee of the New York Club has appointed a local representative of each class. The class secretaries will coöperate with their representatives in urging all Technology men to come to New York at the time of the reunion, especially in view of the fact that the class having the best representation will receive a loving cup. The secretaries entered into the spirit of the convention with great enthusiasm and the attendance will undoubtedly be a surprise to our hosts in the metropolis.

The meeting was presided over by R. A. Hale, '77, of Lawrence, Mass. New officers were elected for two years

as follows:—F. H. Fay, '93, secretary; I. W. Litchfield, '85, assistant secretary. The executive committee consists of E. F. Russ, '98; N. J. Neall, '00, and G. DeW. Marcy, '05.

J. W. Rollins, '78, president of the Alumni Association was the guest of the evening.

Death of Professor Dippold

George Theodore Dippold, 67 years old, died in Chicago, November 19. Professor Dippold was born in Neuenburg, Germany. He was graduated from the College of Frankfort, then studied at the University of Heidelberg, and later took post-graduate courses in Sanskrit and Germanic philology at Harvard. The degree of doctor of philosophy was conferred on him by Harvard in 1883. For some years Professor Dippold was instructor in German and Gothic at Harvard and Johns Hopkins. For eighteen years prior to 1904 he was professor of modern languages at the Massachusetts Institute of Technology. He was widely known by his writings, "The Great Epics of Medieval Germany," and translations of Geibel's "Brünhilde," and Richard Wagner's "Ring of the Nibelunge." Recently he published a German grammar and a scientific reader.

Loyalty on the Pacific Coast

In another column will be found an account of a meeting of the Portland (Oregon) Technology Club, which has one very interesting item. It is proposed by the Technology Club of Puget Sound, seconded by the Portland Association, that the Technology men on the Coast secure the largest flag-pole available and ship it around the Horn as a special offering to the New Technology. This proposal shows the general spirit of former students toward the Institute as has been exemplified over and over again in the contributions to the Alumni Fund. It is the *spirit* of the gift that counts.

TECHNOLOGY CONVENTION IN NEW YORK

January 17th and 18th, 1913

Marking the Tenth Anniversary of the reorganized Technology Club
of New York

PROGRAM

FRIDAY, JANUARY 17:

- 12.00 m. Register at Headquarters, The Plaza, corner of 59th Street and Fifth Avenue, on arrival.
- 1.00 p.m. Departmental Luncheons at The Plaza. Tickets, \$1.50.
- 3.00 p.m. Formation of the Technology Clubs Associated at The Plaza. Addresses by the President of the Institute, the President of the Alumni Association, representatives of the Faculty and the visiting associations.
- 5.00 p.m. Tea at The Plaza for the ladies.

SATURDAY, JANUARY 18:

- 1.00 p.m. Class luncheons to be arranged by class representatives. Tickets, \$1.50.
- 7.00 p.m. Annual banquet of the Alumni Association of the Massachusetts Institute of Technology at The Plaza, presided over by James W. Rollins, '78, president. Tickets, \$5.00.

Lester D. Gardner, '98, 17 Gramercy Park, New York, N. Y., as chairman of the Committee on Headquarters and Information will answer any questions relative to the coming reunion.

Class representatives in New York are to coöperate with their class secretaries and appoint class representatives in the various local alumni centers.

The class having the largest representation will be presented with a cup and another cup will be given to the man coming the longest distance to the meeting.

Classes may arrange through their local representatives to secure rooms in the same hotel. Arrangements for rooms should be made early as the Automobile Show will be in full swing and many people will be in New York.

The Technology Club, 17 Gramercy Park, will keep open house. Everybody welcome.

Gramercy Park is a continuation of 20th Street and the club house is east of Fourth Avenue.

COUNCIL TALKS ABOUT NEW BUILDINGS

Plans for group to be devoted to social and physical welfare of Students discussed—Proposed Course in Engineering Administration debated

The buildings to be erected on the new site to be devoted to the social and physical development of the students formed the subject for discussion at the Council meeting, November 12.

President MacLaurin spoke briefly of the procedure that members of the building committee were taking with reference to planning the entire group. He said that they were informing themselves with unusual care so that they would know exactly what was needed before the architect was called in. The committee was hampered he said by lack of financial provision for the social and athletic buildings, for at the present time it was impossible to tell how much would be subscribed by the alumni. Those responsible looked to the alumni to clear the situation. One of the important reasons for changing the site of the Institute was to give a chance for social and athletic features. He said that every member of the Corporation looked with interest on the work of the Council committee and that any serious suggestion from that committee would be acted upon.

A. F. Bemis, '93, the next speaker, stated that the success of the future social development of the undergraduates depended upon the success of the Alumni Fund. A rough estimate had been made that the dormitories would cost about a thousand dollars per man housed, and that there were likely to be about 800 men, of whom 300 would be freshmen.

After discussing the general plans of the building Mr. Bemis brought up three questions:—

1. Shall freshmen be housed in dormitories by themselves or sprinkled in with the members of other classes?

2. Should fraternity life at Technology be fostered or discouraged? If fostered, would housing of fraternities on the

campus have a good or injurious effect on the general student body?

3. Should each section or "stairway" be provided with its own dining hall or provision made for dormitory students in a central "commons," assuming a higher cost for the same service in separate dining halls of 50 per cent. more than in a "commons."

These questions were freely discussed, although of course without expert knowledge on the part of all, of the situation at Technology. The fact was brought out, however, that the Dean and others have been particularly interested in student welfare, have studied these matters at close range and their advice will be of great value to the committee. The discussion was instructive and showed that conditions at Technology with reference to fraternities and to the problem of housing of students, as well as the question of dining rooms, were being investigated by members of the committee particularly qualified for the work.

Doctor Tyler, '84, gave a sketch of the investigations that were being made by the members of the committee who are giving their attention to the Walker Memorial or students' Union. Various matters connected with this building were taken up more or less in detail, the entire discussion showing that the alumni are intensely interested in this feature of the new institution.

Although the various committees having to do with the student welfare buildings are not yet in a position to report, it has been thought best to have members of the committee present their views of what should be embodied in the buildings for social and physical development on the new site, in the January number of THE TECHNOLOGY REVIEW. This is not to be considered a final report of the committee but will indicate what con-

clusions have been reached and some of the problems yet to be decided.

As President Maclaurin has said, the scope of these buildings will depend largely upon the size of the Alumni Fund. It is, therefore, very desirable to complete this fund as early as possible, so that the committee and the Institute authorities may know better what their resources are before making the final decision as to how complete these buildings shall be made.

Henry A. Morss, '93, reporting for the committee on a course in engineering administration, made a preliminary report as a basis for discussion at the meeting. He said that if such a course is to be established, it may be described as, "a new undergraduate course of study which shall aim to prepare men for administrative positions in those industries and enterprises whose success is largely dependent upon the applications of science and engineering. The course would include in the first two years the studies in the fundamental sciences of physics, chemistry and mathematics and in language, literature, history and drawing, common to all courses; but the characteristic feature of it, differentiating it from the existing engineering courses, would be that in the later years it would consist of a combination of general engineering studies with instruction in business methods, business economics and business law."

The executive committee of the Institute considered this matter two or three years ago, but did nothing about establishing such a course, because there were apparently not strong enough reasons brought forward to justify any definite action at that time. For such a course to be established now, the need and justification of it must be shown, and in addition, definite recommendations must be made as to the curriculum of the course.

The committee has been at work on these two questions, and below we give an outline of a few arguments, for and against the establishment of a course in engineering administration.

The arguments in favor of the proposed course are:

1. There is a large demand for men trained both in general engineering and in business principles, as shown by the large proportion of Institute graduates taking positions involving a knowledge of these two lines.

2. The proposed course would afford an opportunity to many students who wished to study at the Institute, but who are not fitted for, nor interested in the more mathematical and technical engineering courses.

3. The economic subjects included in the proposed course would round out and broaden the Institute's field of instruction, and react favorably upon the more specialized engineering courses.

4. The proposed course would assist materially in establishing closer relations with the business interests of the country, and would ultimately result in increased financial support far exceeding the cost of maintaining the course.

The arguments against the proposed course are:

1. Competition with the Harvard School of Business Administration.

2. Danger that the proposed course might attract too many men with the idea that it would lead at once to the highest administrative positions.

3. Difficulty in doing justice to both the business and engineering sides of the instruction in a four-year course.

4. Additional cost of maintaining a course of this character.

Following Mr. Morss' report there was a general discussion covering the whole matter. There was unanimity of opinion that there was need of instruction at the Institute somewhat along the general lines indicated in the report of the committee. The discussion hinged on the questions as to whether a separate course should be established or the essential features of the course given in connection with the various other courses. On the side of the Faculty there was contention that the latter plan would not be feasible, as it would be impossible to get time enough for these lectures. Some of the

alumni contended that it might be possible to revise some of the courses, substituting lectures on matters relating to engineering administration for others which could be better dispensed with. The matter was left in the hands of the committee for further investigation and final report.

Tech Seal on the Building

On Monday, November 4, the Washington Association started its series of monthly dinners and smoke talks for the year. It was very fortunate in getting Mr. Charles G. Abbot, '94, director of the Astrophysical Observatory of the Smithsonian Institution as the speaker. Mr. Abbot has only recently returned from a solar expedition to Algeria, and he gave a most interesting lecture upon this extensive trip, illustrated with lantern slides.

These meetings are still being held at the old University Club, but the first meeting of the new year will be held in the beautiful new building which the club has just erected at McPherson Place and I Street. Around the facade of the building are stones upon which are carved the various college seals, similar to the University Club of New York. The association took up this matter and through the efforts of the local members, the Tech seal occupies a place of prominence upon the front of the building.

The annual meeting and election of officers will be held December 2, and at that time plans will be made for our annual banquet, which will be held this year in the new University Club Building. At present the association numbers 271 men, of which number 29.2 per cent. are active. The association has hopes of increasing its active list twofold during the coming year.

An Oregon Flag Pole for Tech

On November 11, the Technology Association of Oregon spent a very pleasant evening at the Commercial Club, Portland. After an excellent dinner, Mr. Arthur W. Sawyer, '72, president

of the Technology Club of Puget Sound, gave a most interesting collection of reminiscences of the days of the "New Technology of '68" and later, Mr. H. B. Hastings, '07, talked of the "New Technology of 1913."

Technology history of the past and in the making, and the progress of the Technology fund, are always sources of enthusiasm in any "Tech bunch." This evening, in addition, we discussed the proposal of the Seattle association to send the world's tallest flag pole around the Horn as a gift from the Northwest to the new campus on the banks of the Charles River Basin. The association voted their approval of the scheme and instructed the secretary to make investigation as to the possibility of obtaining the 227-foot flag pole now at the Panama-Pacific Exposition.

Tech songs, a thoroughly congenial crowd, and "Abdul-Ah-Bul-Bul-Ah-Meer" sung by J. H. Hatton, '07, to cap the climax, marked another "Tech Night," in Portland.

At the election of officers, F. A. Naramore, '07, was elected president, and F. A. Burton, '09, secretary.

FELIX A. BURTON, '09.

Northwestern Association Election

On November 5, the Northwestern Association held its annual meeting at the Grand Pacific Hotel, Chicago, and besides getting the presidential election returns over its own private wire, held an election for officers of the association as follows:—president, Lonsdale Green, '87; vice-president, Meyer J. Sturm, '96; secretary-treasurer, George H. Lukes, '92; directors, John L. Shortall, '87; Kenneth Lockett, '02; and C. W. Pendell, '98. These officers were elected for one year except the secretary-treasurer whose term is two years.

It was one of the most successful meetings the association has ever held. Besides the excitement of the returns, there were five entertainers who furnished music and vaudeville sketches. Dinner was served at 7 o'clock to about seventy-five members.

NEARLY HALF A MILLION DOLLARS

Alumni Fund taking a new spurt—It is hoped that the number of men represented in the fund will be doubled before the subscription closes

The Alumni Fund has now been running eight months. On the first of December the total amount subscribed was \$456,477.88 from 2,076 subscribers. This is an increase of \$34,000 since the report of October 1 and an addition of 116 subscribers.

At a meeting of the Alumni Fund Committee held in November the class and nearby local representatives were unanimously of the opinion that the present figures do not by any means represent the resources of the alumni, as will be shown in the final report. This statement refers more particularly to numbers than to the amount of money pledged. The general feeling seemed to be that a very large number of former students do not realize that one of the important factors in the fund is the number of men contributing and that when this is fully understood the number of subscribers will at least be doubled, although the individual subscriptions will be much smaller.

A man who feels unable to make a material contribution is loath to send in a pledge for what he considers a trifling sum. His five dollars a year, or one dollar a year is important. It is the spirit of the gift that counts and the number of subscribers will be indicative of the real feeling of the alumni.

As has been shown in the circular sent out by the committee, the plans for the buildings which are to be furnished by the alumni, may possibly be delayed because of the uncertainty as to the funds available; for this reason the committee is pushing the work vigorously, hoping that the campaign may be brought to a close within the next two or three months.

The tables showing the standing of the classes and local geographical divisions are published herewith.

The relative standing of the classes is as follows:

CLASS POINTS			CLASS POINTS		
1.	'78	8	23.	'74	46
2.	'81	9	24.	'80	47
3.	'85	10	25.	'84	48
4.	'68	11	26.	'95	50
5.	'10	13	27.	'69	54
6.	'90	17	28.	'96	55
7.	'88	18	29.	'94	57
8.	'89	18	30.	'04	61
9.	'09	19	31.	'82	62
10.	'73	20	32.	'70	65
11.	'93	24	33.	'72	65
12.	'76	26	34.	'75	65
13.	'97	27	35.	'71	68
14.	'91	28	36.	'98	68
15.	'08	29	37.	'77	72
16.	'07	38	38.	'92	73
17.	'11	38	39.	'01	73
18.	'79	41	40.	'02	76
19.	'03	41	41.	'87	77
20.	'06	41	42.	'99	77
21.	'05	44	43.	'00	77
22.	'83	45	44.	'86	79

The relative standing of the geographical centers is as follows:

	POINTS
1. Hawaii.....	5
2. Canal Zone.....	7
3. Akron.....	8
4. Cuba.....	8
5. Japan.....	12
6. Buffalo.....	16
7. Cleveland.....	18
8. St. Louis.....	22
9. Rochester.....	23
10. Manila.....	25
11. Chicago.....	27
12. Minneapolis.....	30
13. Syracuse.....	32
14. Boston.....	33
15. Schenectady.....	38
16. Connecticut.....	39
17. Indianapolis.....	40

Class	Subscribers	Amount	(a) % of men subscribing	(b) % of amount subscribed	Class Standing		Total Points
					a	b	
'68	6	\$8075.00	27.3	83.6	7	4	11
'69	5	1710.00	22.7	18.1	23	31	54
'70	8	2000.00	21.	12.5	26	39	65
'71	9	1160.00	21.4	6.7	25	43	68
'72	6	1725.00	20.7	14.8	29	36	65
'73	12	10950.00	25.5	59.7	11	9	20
'74	23	1470.00	36.6	6.1	2	44	46
'75	16	4105.00	20.8	14.4	28	37	65
'76	18	21850.00	24.	80.9	20	6	26
'77	13	2925.00	19.4	12.5	32	40	72
'78	13	13500.00	28.9	88.3	5	3	8
'79	17	4560.00	25.4	20.9	13	28	41
'80	5	4000.00	17.8	44.7	35	12	47
'81	28	12250.00	46.7	65.8	1	8	9
'82	11	3575.00	19.	20.5	33	29	62
'83	12	3750.00	21.9	23.5	24	21	45
'84	19	4345.00	24.4	20.	18	30	48
'85	24	24150.00	26.7	99.4	8	2	10
'86	17	2485.00	17.2	9.7	37	42	79
'87	20	6975.00	12.3	17.2	44	33	77
'88	42	85565.00	24.8	211.	17	1	18
'89	53	15351.00	30.5	38.5	4	14	18
'90	48	27064.00	26.5	68.2	10	7	17
'91	46	10896.00	25.5	28.9	12	16	28
'92	34	7710.00	15.7	17.9	41	32	73
'93	73	46426.00	24.3	81.5	19	5	24
'94	43	13145.00	15.9	27.	40	17	57
'95	47	9495.00	20.1	23.7	30	20	50
'96	62	11050.00	19.8	22.1	31	24	55
'97	69	9790.00	26.7	25.3	9	18	27
'98	51	10620.00	14.9	22.1	43	25	68
'99	50	4490.00	17.8	12.3	36	41	77
'00	49	5300.00	16.	14.4	39	38	77
'01	56	5354.00	17.5	15.4	38	35	73
'02	48	4942.00	15.2	15.7	42	34	76
'03	79	6247.00	25.	22.	15	26	41
'04	72	6535.00	18.5	21.	34	27	61
'05	120	8067.00	23.8	22.9	21	23	44
'06	109	7225.00	22.9	25.3	22	19	41
'07	109	5092.00	25.	23.3	16	22	38
'08	118	6710.00	25.3	35.9	14	15	29
'09	134	5715.00	28.2	40.	6	13	19
'10	150	4920.00	31.6	51.7	3	10	13
'11	133	3158.00	20.9	49.8	27	11	38

How the classes stood December 1.

18. Milwaukee	41	37. Cincinnati	72
19. Canada	42	38. Fall River	72
20. Spokane	45	39. Tacoma	74
21. Texas	46	40. Steelton	78
22. Los Angeles	47	41. Kansas City	79
23. San Francisco	49	42. New Hampshire	80
24. Pittsburg	1	43. Springfield	80
25. Maine	52	44. Worcester	80
26. Wilmington	52	45. Washington	83
27. Portland	53	46. Columbus	84
28. New York City	55	47. Baltimore	87
29. Seattle	58	48. Foreign	92
30. Providence	61	49. Lowell	92
31. Detroit	62	50. Mexico	93
32. Massachusetts	62	51. Atlanta	96
33. Tennessee	65	52. New Bedford	96
34. Savannah	66	53. Denver	99
35. Philadelphia	67	54. Pittsfield	104
36. Birmingham	72	55. Vermont	110

District	Sub- scribers	Amount	(a) % of men sub- scribing	(b) % of amount sub- scribed	Standing		Total
					a	b	
Akron, Ohio	27	2380.	65.8	61.6	1	7	8
Atlanta, Ga.	5	245.	18.5	7.68	43	53	96
Baltimore, Md.	17	1225.	19.5	11.1	40	47	87
Birmingham, Ala.	7	1000.	17.5	24.1	46	26	72
Buffalo, N. Y.	28	7745.	31.8	76.8	10	6	16
Boston, City of	301	209120.	24.2	95.5	29	4	33
Canal Zone	4	550.	57.2	91.7	2	5	7
Chicago, Ill.	112	15145.	33.2	28.3	8	19	27
Cincinnati, Ohio	17	2505.	19.1	21.3	42	30	72
Cleveland, Ohio	40	6410.	35.4	40.9	6	12	18
Columbus, Ohio	8	565.	20.5	11.0	36	48	84
Connecticut (State)	52	5805.	27.4	25.9	18	21	39
Cuba	8	1875.	44.3	111.9	5	3	8
Denver, Colo.	22	1450.	16.8	9.4	48	51	99
Detroit, Mich.	23	3525.	20.3	24.3	37	25	62
Fall River, Mass.	8	2670.	14.8	27.9	52	20	72
Hawaii	9	3440.	56.2	114.1	3	2	5
Indianapolis, Ind.	13	2900.	24.1	43.3	30	10	40
Japan	6	1109.	46.2	53.8	4	8	12
Kansas City, Mo.	13	1009.	21.3	12.9	35	44	79
Los Angeles, Cal.	25	6035.	22.5	36.8	33	14	47
Lowell, Mass.	52	6914.	16.3	15.3	49	43	92
Maine, State of	33	3700.	27.1	28.8	21	31	52
Manila, P. I.	8	670.	32.	31.	9	16	25
Massachusetts, Misc.	310	46730.	20.1	24.7	38	24	62
Milwaukee, Wis.	15	2795.	24.8	32.8	26	15	41
Minneapolis, Minn.	31	4050.	31.	30.	12	18	30
New Bedford, Mass.	18	1270.	18.4	7.9	44	52	96
New Hampshire (State)	23	2495.	20.	15.6	39	41	80

District	Subscribers	Amount	(a) % of men subscribing	(b) % of amount subscribed	Standing		Total
					a	b	
New York City	251	34173.	24.5	23.6	27	28	55
Philadelphia, Pa.	46	4965.	23.3	18.4	31	36	67
Pittsburg, Pa.	48	5320.	26.9	22.7	22	29	51
Pittsfield, Mass.	8	515.	16.	6.9	50	54	104
Portland, Ore.	18	740.	34.6	11.7	7	46	53
Providence, R. I.	44	4055.	26.3	18.1	23	38	61
Rochester, N. Y.	16	2935.	29.1	47.2	14	9	23
San Francisco, Cal.	41	4120.	27.5	20.7	17	32	49
Savannah, Ga.	12	1745.	23.1	20.4	32	34	66
Schenectady, N. Y.	33	3582.	28.7	25.5	15	23	38
Seattle, Wash.	17	1125.	27.9	15.6	16	42	58
Steelton, Pa.	10	1085.	19.3	18.4	41	37	78
St. Louis, Mo.	23	3905.	31.5	43.2	11	11	22
Spokane, Wash.	21	3165.	24.4	30.5	28	17	45
Springfield, Mass.	15	3590.	14.4	23.7	53	27	80
Syracuse, N. Y.	18	2730.	27.3	40.3	19	13	32
Tacoma, Wash.	5	295.	26.3	10.1	24	50	74
Tennessee & Ky.	12	975.	25.	15.7	25	40	65
Texas, Louisiana & Oklahoma.	29	1850.	30.6	20.5	13	33	46
Vermont (State)	3	250.	7.9	4.4	55	55	110
Washington, D. C.	55	3237.	22.2	10.4	34	29	63
Wilmington, Del.	4	8040.	15.4	209.	51	1	52
Worcester, Mass.	33	4910.	18.3	18.8	45	35	80
Canada.	35	3800.	27.1	25.8	20	22	42
Mexico.	10	1325.	14.3	17.6	54	39	93
Foreign (Misc.)	23	1821.	16.9	11.8	47	45	92

What the Winter Reunion Means

The convention of Technology men which is to be held next month in New York means a great deal to the Institute as well as a great deal to the Technology Club of New York. The club has shown its spirit and courage in inviting us all to be its guests, and it is a safe prediction that the numbers accepting the invitation will be a surprise to all.

There are but six college clubs in New York occupying separate buildings. Three of these represent colleges in New York or its immediate vicinity. The only three clubs representing alien colleges are Harvard, Yale and Technology. It is surely a great distinction that Technology men in New York have, especially in view of the fact that larger

plans for club facilities are already being considered. The enterprise and loyalty of the Tech men of the metropolis is recognized by every former student. Let those who can possibly attend the meeting next month, make a resolve to be present.

New Association at Kansas City

About twenty Technology men residing in Kansas City, Mo., got together on the evening of November 16 at the University Club in that city and formed a local alumni association.

The officers elected were:—Lewis G. Wilson, '04, president; Harold T. Mulhall, '97, vice-president; Robert S. Beard, '05, secretary-treasurer.

NOMINEES OF ALUMNI

Men named for Officers of the Alumni Association, and Candidates for term members of the Corporation now being voted for

Ballots for officers of the Alumni Association and term members of the Corporation have been sent out to every former student entitled to vote.

The officers nominated are as follows:—

For president, Frederic H. Fay, '93; for vice-president, William H. King, '94; for secretary-treasurer, Walter Humphreys, '97; for executive committee, Merton L. Emerson, '04, Jasper Whiting, '89.

For representatives at large, Arthur C. Anthony, '86, Louis K. Rourke, '95, Thomas E. Sears, '03, W. Lyman Underwood, '98, Luther K. Yoder, '95.

For term members of the Corporation the following men have been nominated:—

Sumner B. Ely, '92. Graduate in mechanical engineering. Vice-president of the C. B. Albree Iron Works Company, Pittsburg, Pa.

Draftsman for various firms the first four years after graduation, then assistant engineer of the Pressed Steel Car Company and later assistant superintendent. In 1900 chief engineer of the American Sheet Steel Company, and later chief engineer of the American Sheet and Tin Plate Company; also secretary of the board of engineers of the United States Steel Corporation until 1907.

Member of the American Society of Mechanical Engineers, Engineers Society of Western Pennsylvania, Technology Club of New York City, Duquesne Club of Pittsburg; director of University Extension Society, American Society for Advancement of Science, and Archæological Institute of America.

Author of a number of papers read before engineering societies, among them being "Present Status of the Gas Engine," and "Pressed Steel Car Development," and also "Technical Education and the Contracting Engineer," presented before Congress of Technology.

Vice-president of the Pittsburg Technology Association in 1909 and president in 1910. Now chairman Pittsburg Alumni Fund Committee.

Cass Gilbert, '80. Special student in architecture, 1878-79. Architect, 11 East 24th Street, New York City.

On leaving the Institute joined a United States Coast Survey party for the summer of 1879, and took part in the topographical surveys of the Highlands on the Hudson River. In January, 1880, went to Europe to pursue the study of architecture, returning in September of that year, and entered the office of McKim, Mead & White. Took charge of their Baltimore office throughout the year 1882. In January, 1883, opened an office for himself in St. Paul, Minn. His principal office was moved to New York in the summer of 1899, and in 1911 the St. Paul office was closed.

Among the buildings erected under his charge are the State Capitol of Minnesota at St. Paul; United States Custom House at New York; the Art Building and Festival Hall, St. Louis Exposition; the East Street Building, New York; St. Louis Public Library; Court House, Newark, N. J.; and the Woolworth Building, New York City.

Former president of the American Institute of Architects; honorary corresponding member of the Royal Institute of British Architects; member of the council of the National Academy of Design; honorary member of the Royal Architectural Association of Canada; honorary member of the Architectural Association, University of Liverpool; member of the Commission of Fine Arts, Washington, D. C.

Charles Hayden, '90. Graduate in general science. Banker, Hayden, Stone & Company, New York and Boston.

Director of the National Shawmut

Bank, Boston and Worcester Street Railway Company, Twin City Rapid Transit Company, Utah Copper Company, Nevada Consolidated Copper Company, Ray Consolidated Copper Company, Chino Copper Company, Shannon Copper Company, American Pneumatic Service Company, Lamson Store Service Company, Nevada Northern Railway Company; treasurer, Sierra Pacific Electric Company, etc.

Member Algonquin, University, Country Club of Brookline, Norfolk County Exchange, Metropolitan (Washington), Metropolitan (New York), Eastern Yacht, New York Yacht, Boston Yacht and Republican Clubs.

Member of the Technology Council in 1910 and 1911.

Henry J. Horn, '88. Graduate in civil engineering. Vice-president in charge of the operating departments of the New York, New Haven & Hartford, Boston & Maine, and Central New England Railroads, with office in the South Station, Boston.

After leaving the Institute became an assistant engineer, maintenance of way, Chicago Great Western. Was on the Northern Pacific Railway, and for the first five years in several positions in the engineering or construction departments; in 1893 entered the operating department as supervisor of bridges and buildings, Minnesota division; in 1897 superintendent Montana division; for a short time was assistant general superintendent, Middle District, and general manager of the coal department, Northwestern Improvement Company, in charge of mining and marketing the coal for Montana and Washington. April 1, 1904, became general manager of the Northern Pacific Railway; for a short time was on the Burlington as assistant general manager, lines west of the Missouri River.

Entered the service of the New York, New Haven & Hartford Railroad December 1, 1910, as assistant to the president. Became vice-president of the New York, New Haven & Hartford and Central New England Railroads, January, 1912, and of the Boston & Maine Railroad, the 4th of June, this year.

Member of the executive committee of the American Railway Association.

Charles T. Main, '76. Graduate in mechanical engineering.

Engaged in the design and construction of industrial plants, principally textile mills, steam and hydraulic power plants, and consulting work, with offices in Boston.

After graduation remained at the Institute three years as an assistant, in the department of mechanical engineering. For one year draftsman at the Manchester Mills, at Manchester, N. H. Five years engineer at the Pacific Mills; one year assistant superintendent and five years superintendent of the worsted department, at the Pacific Mills, Lawrence, Mass.

Member of the American Society of Civil Engineers, American Society of Mechanical Engineers, Boston Society of Civil Engineers, New England Water Works Association, National Association of Cotton Manufacturers, Boston Chamber of Commerce, Society of Arts, Technology Club, Exchange Club, Engineers Club, and the Calumet Club.

Author of various papers on subjects relating to power and industrial plants.

He served in all the offices of the Alumni Association, except that of secretary-treasurer. Term member of the Corporation for five years (1906-11), and is now eligible for renomination.

Franklin B. Richards, '84. Graduate in mining engineering. Manager, ore sales and pig iron department, M. A. Hanna & Company; vice-president, Detroit Iron & Steel Company; vice-president, Pennsylvania Iron & Coal Company; treasurer, United Iron & Steel Company. Residence, Cleveland, O.

Instructor in the mining department at the Institute during 1893-94.

Held the position of chemist with the Stafford Mining Company, the Joliet Steel Works, Briar Hill Iron & Coal Company; also superintendent, the Briar Hill Iron & Coal Company; manager, ore department for Tod Sturmbaugh & Company; manager, Buena Vista Iron Company; general manager, Buffalo Union Furnace Company.

Member of the American Institute of Mining Engineers, American Iron and Steel Institute, Engineers Club of New York, Buffalo Club, Detroit Club, Duquesne Club, Pittsburg; the Union, Tavern, Hermit, Athletic, Country and Euclid Clubs of Cleveland.

At one time president of the Technology Club of Northern Ohio. Now chairman of Cleveland Alumni Fund Committee.

Special Notice

Arrangements for transportation to the New York Reunion for men along the line of the New York, New Haven & Hartford and the Boston & Albany will be arranged by the executive committee of the Alumni Association early in January. It is likely that there will be a large exodus from Boston on Thursday evening, Friday and Saturday morning. If you intend to make the trip write Walter Humphreys, Secretary, M. I. T. or call him on the telephone and find out what the arrangements are. Your class secretary will also be kept fully informed of all arrangements.

In the matter of hotel accommodations write to the representative of your class in New York. You can get rooms from \$1.50 a day, without bath, up, and with bath from \$2 a day up. A special hotel committee has been appointed in New York and your class representative will be in touch with this committee, so that you can engage rooms ahead by specifying what price you want to pay and about where you want to be located.

List of Class Boosters

The following New York men have been made representatives of their classes and will make arrangements for class luncheons, etc., in coöperation with the class secretaries:

Class of 1870, Edward D. Bolton, Bureau of Sewers, Brooklyn, N. Y.

Class of 1881, Ira Abbott, 17 Gramercy Park, New York City.

Class of 1885, Professor C. R. Richards, Cooper Union, New York City.

Class of 1886, Professor F. E. Foss, Cooper Union, New York City.

Class of 1887, George O. Draper, Great Northern Hotel, New York City.

Class of 1888, F. A. Moore, 542 Fifth Avenue, New York City.

Class of 1891, Charles W. Aiken, 113 53d Street, New York City.

Class of 1892, F. L. Rhodes, 15 Dey Street, New York City.

Class of 1893, G. T. Blood, care of A. T. & T. Co., 15 Dey Street, New York City.

Class of 1896, Charles E. Lawrence, 50 Church Street, New York City.

Class of 1897, Walter E. Spear, 250 West 54th Street, New York City.

Class of 1898, C. W. Wilder, Public Service Commission, Tribune Building, New York City.

Class of 1899, H. K. White, 156 Fifth Avenue, New York City.

Class of 1901, H. T. Blanchard, 15 West 38th Street, New York City.

Class of 1902, Clyde R. Place, c/o Warren & Wetmore Grand Central Station, New York City.

Class of 1903, R. H. Howes, 105 West 40th Street, New York City.

Class of 1904, B. A. Richardson, c/o Troegerlith Tile Co., 11 Broadway, New York City.

Class of 1905, N. A. Richards, 45 East 17th Street, New York City.

Class of 1906, T. L. Hinckley, care of Hering & Fuller, 170 Broadway, New York City.

Class of 1907, Louis A. Freedman, 135 West 86th Street, New York City.

Class of 1908, Wm. B. Given, Jr., 30 Church St., New York City.

Class of 1909, Reginald L. Jones, 463 West Street, New York City.

Class of 1910, R. S. Bicknell, 50 East 41st Street, New York City.

Class of 1911, Theodore B. Parker, 279 Henry Street, Brooklyn, N. Y.

Class of 1912, W. H. Lange, 2528 Grand Ave., New York City.

If your class is not represented write your class secretary.

SCIENTIFIC CANVASSING OF THE ALUMNI

Fifty Fund Committee Members compare methods and results—Class Representatives will work hard to increase number of subscribers

The meeting of the class and local representatives of the Alumni Fund in the vicinity of Boston, which was held at the University Club, November 7, was large and enthusiastic. The meeting was held for the purpose of reopening the campaign for alumni funds for the New Technology, and no one present doubted that the number of subscribers could be tremendously increased within the next three or four months.

For the first time it became understood that the building committee of the Corporation was seriously handicapped because it was unable to tell how much money could be devoted to the buildings which the alumni are to furnish. The Alumni Committee which is planning these buildings has said that they would be as complete in design and appointment as the Alumni Fund would permit, and it was the spirit of the meeting that the fund should be taken up vigorously and pushed to an early conclusion.

Chairman Morss introduced President Maclaurin who expressed his faith in the spirit and the ability of the alumni to so provide for the work they have undertaken, that other "Mr. Smiths" will be influenced by what they do. The President emphasized the point that the number of subscribers to the fund was fully as important as its size.

The discussion which followed was general, the speakers telling of their experiences and of their plans for the future. There was a strong determination shown to continue the work persistently until some response had been made by every man. It is not intended to make this subscription a burden on anyone but the representatives present felt that such a worthy cause, as the fund represented, was entitled to acknowledgment of some kind, and that a very large number of men who were not in a position to contribute any

material sum would be able to send a small gift as an evidence of their good will. The campaign from now on will be for numbers, as it was felt that the project would be but a qualified success if at least half of the former students of the Institute were not represented in the gift.

An interesting report was made by Jasper Whiting, '89. He said that 174 men had been assigned to his class, of whom seventy were graduates. Of the total number assigned to the class, seventy-two were either short-time men or inactive. The general letter of the Alumni Fund Committee brought responses from sixteen men who subscribed seven thousand dollars. A class letter was next sent out which brought in eleven letters aggregating thirty-five hundred dollars. Personal letters brought responses of some kind from thirty-three men who subscribed about twenty-five hundred dollars. A subsequent letter brought in nine letters, aggregating seven hundred eighty-five dollars. The response to the fifth letter included twelve names and aggregated twelve hundred fifty dollars. The sixth attack brought in eight men with three hundred seventy-five dollars. Up to the date of the meeting he had heard from eighty-nine men. Of this number fifty-one men sent in subscriptions. A letter from the president of the class resulted in one reply.

The chairman stated that it was the intention of the committee to issue a circular to every former student, showing how the new Institute was being planned and what was proposed for the future, the circular to give facts in regard to donations already received which were restricted to particular purposes, showing that the only provision for the buildings for the social and physical development of the students was the Alumni Fund.

Active work on the fall campaign has begun and during the last week or ten days a considerable number of pledge cards have been received. Two of the local associations have assured the Fund Committee that they would guarantee to subscribe the quota assigned to their territory which if carried out all along the line would much more than double the present total subscription.

On December first, the total subscriptions to the Fund were from 2076 men. The percentage of men subscribing was about 22 per cent.

Exhibit of Wiring Devices

Space has been set apart in the electrical engineering department at the Institute for a permanent exhibit of wiring devices. Panelboards showing various devices and equipment are arranged about the walls of the exhibit space, and in the center stands a single room of frame-house construction, which is equipped in accordance with the approved methods of open and concealed wiring, illustrating the regulations of the National Electrical Code. Many manufacturers have contributed sample boards and literature to this exhibit, which is likely to become one of the most comprehensive of its kind in the country. The model room and samples of electrical devices are made use of in connection with a course of lectures on "Electrical Wiring of Buildings" by Mr. Ralph G. Hudson, of the electrical engineering department.

Alumni Secretaries Organize

A new movement has been formed in Chicago by college clubs, the object of which is to get all of the alumni of colleges, in and about Chicago, into one great central organization. The president is Harold Osborne of Williams College; vice-president, Meyer J. Sturm of the Massachusetts Institute of Technology; secretary-treasurer, R. Warren Sailor of Cornell University; directors,

Carrol Shaffer of Yale University and Walter Olds of the University of Michigan.

The fee for active membership is five dollars a year. The objects are coöperation, fellowship and united action on civic affairs. The requirements for admission into the association are that the applicant shall be a member of a college association located in Chicago, comprising at least one hundred or more active members. Where the numbers are less an associate membership is created. One of the objects accomplished will be coöperation in matters of placing students in positions, which can be accomplished through the resources of the various college men in the city. It is also expected that a common meeting place will be provided where all the associations can hold noon luncheons.

Result of the New England Intercollegiate Run

At the cross-country races of the New England Intercollegiate Athletic Association which was held at the Tech Field, November 16, Dartmouth won with a score of 35, Brown brought up a close second with 40 points and Technology came third with 85 points.

Other colleges participating were: Amherst, 123; Williams, 131; Holy Cross, 163; and Worcester Polytechnic, 166. Tufts failed to finish with enough men to score.

Harvard Wins I.C.C.C.

Harvard won the intercollegiate cross-country cup at the run held at Ithaca, November 23, beating Cornell who has won this race twelve times out of the last fourteen. Technology took the sixth place.

The scores were as follows: Harvard 32, Cornell 48, Dartmouth 87, Brown 117, Pennsylvania 154, Technology 156, Syracuse, 174, Princeton, 199, Yale 209, and the College of the City of New York 312.

OFFICERS OF LOCAL ALUMNI ASSOCIATIONS

Partial list of the Governing Boards of Technology Clubs—Several hundred alumni are interested directly or indirectly in running these Clubs

Following is a list of the officers of the local alumni associations:

Technology Club of Albany, New York: president, Alexander Rice McKim, '86; vice-president, Willis R. Whitney, '90; secretary-treasurer, Ralph C. Robinson, '01.

Technology Association of Atlanta: president, Harold W. Beers, '06; secretary, William R. Collier, '00.

Technology Club of Boston: president, Seth K. Humphrey, '98; vice-president, Carroll W. Doten; secretary, Robert S. Williams, '02; treasurer, Andrew D. MacLachlan, '96.

Technology Club of Buffalo, New York: president, W. M. Corse, '99; vice-president, H. P. Parrock, '01; secretary, H. M. Cowper, '05; treasurer, Carl Houck, '05.

Northwestern Association of the M.I.T.: president, Lonsdale Green, '87; vice-president, Meyer J. Sturm, '96; secretary-treasurer, George N. Lukes, '92; Alumni Council representative, I. W. Litchfield, '85.

M.I.T. Club of Cincinnati: president, Frederick W. Garber, '03; vice-president, Hans F. Schaefer, '05; secretary, Stuart R. Miller, '07; treasurer, Robert Andrew, '01; Alumni Council representative, John A. Hildabolt, '75.

Technology Club of Northern Ohio: president, Frank A. Smythe, '89; vice-president, Albert W. Johnston, '73; secretary-treasurer, Sidney Y. Ball, '03; Alumni Council representative, Paul W. Litchfield, '96.

Rocky Mountain Technology Club: president, Frank E. Shepard, '87; vice-president, H. O. Bosworth, '02; secretary, W. H. Trask, Jr., '06.

Detroit Technology Association: secretary, Currier Lang, '04.

Technology Club of Hartford: president, Robert J. Ross, '05; vice-president,

Burton S. Clark, '00; secretary-treasurer, George W. Baker, '92.

Hawaii Technology Club: secretary, Norman Watkins, '98.

Technology Association of Japan: secretary-treasurer, Takuma Dan, '78.

Kansas City, Missouri, Alumni Association: president, Lewis G. Wilson, '04; vice-president, Harold T. Mulhall, '97; secretary-treasurer, Robert S. Beard, '05.

Technology Club of the Merrimack Valley: president, Ivar L. Sjöström, '88; vice-president, George C. Dempsey, '88; secretary, John A. Collins, Jr., '97; treasurer, William O. Hildreth, '87; Alumni Council representative, Channing Whitaker, '69.

Technology Club of Southern California: president, Edward L. Mayberry, '06; vice-president, Desaix B. Myers, '08; secretary-treasurer, L. A. Parker, '06.

Technology Association of New Hampshire: president, James L. Arnott, '75; vice-president, Norwin S. Bean, '94; secretary-treasurer, Harold A. Smith, '11.

Technology Club of the Far East: secretary, William A. Adams, '08.

Technology Club of Milwaukee: secretary, Mitchell Mackie, '05.

Technology Association of Minnesota: president, W. H. Bovey, '94; vice-president, G. H. Goodell, '92; secretary, D. W. C. Ruff, '07; treasurer, Mark G. Magnuson, '04.

Technology Club of New Bedford, Mass.: president, D. W. Berman, '96; secretary-treasurer, R. D. Chase, '92.

Technology Club of the South: president, Allison Owen, '94; vice-president, Walter G. Zimmermann, '98; secretary-treasurer, Francis W. Crosby, '90.

Technology Club of New York: president, George W. Kittredge, '77; vice-president, Frank C. Schmitz, '95; treasurer, Ira Abbott, '81; secretary, Walter

Large, '79; Alumni Council representative, Francis C. Green, '95.

Technology Club of Philadelphia: president, David A. Lyle, '84; vice-president, Frank H. Keisker, '97; secretary-treasurer, Dudley Clapp, '10; Alumni Council representative, William H. Blakeman, '06.

The Pittsburgh Association: president, Fred Crabtree, '89; vice-president, Morris Knowles, '91; secretary-treasurer, Luther K. Yoder, '95; Alumni Council representative, Sumner B. Ely, '92.

Technology Association of Oregon: president, F. A. Naramore, '07; secretary, Felix A. Burton, '09.

Technology Club of Rhode Island: president, Charles F. Tillinghast, '95; vice-president, William C. Dart, '91; secretary-treasurer, Gerald M. Richmond, '99; Alumni Council representative, E. B. Homer, '85.

Technology Club of Rochester: president, William E. Hoyt, '68; first vice-president, Frank W. Lovejoy, '94; second vice-president, Allen S. Crocker, '97; secretary-treasurer, John F. Ancona, '03.

St. Louis Society of the M. I. T.: chairman, John L. Mauran, '89; secretary-treasurer, Amasa M. Holcombe, '04.

Technology Association of Northern California: president, Leon H. Smith, '04; secretary-treasurer, Howard C. Blake, '06.

Technology Club of Puget Sound: president, Charles H. Alden, '90; vice-president, Clancy M. Lewis, '99; secretary, Maurice P. Anderson, '10; Alumni Council representative, I. W. Litchfield, '85.

Inland Empire Association of the M.I.T.: president, Shirley S. Philbrick, '98; vice-president, William J. Roberts, '91; secretary, Philip F. Kennedy, '07.

Technology Club of the Connecticut Valley: president, Eben S. Stevens, '68; secretary-treasurer, Ernest W. Pelton, '03.

Technology Club of Central Pennsylvania: president, John R. Brownell, '01; secretary, Stephen Badlam, '00.

M.I.T. Club of Central New York: president, David D. Mohler, '03; vice-president, Edwin W. Bonta, '07; secretary-treasurer, Harry N. Burhans, '07; Alumni Council representative, Irving S. Merrell, '96.

Inter-Mountain Technology Associa-

tion: secretary-treasurer, George M. Dexter, '08.

Washington Society of the M.I.T.: president, Walter J. Gill, '04; vice-president, François E. Matthes, '95; secretary, Parker V. Dodge, '07; treasurer, Frederick E. Fowle, '94; alumni representative, I. W. Litchfield, '85.

The M.I.T. Women's Association: president, Margaret E. Dodd, '92; first vice-president, Margaret E. Maltby, '91; second vice-president, Katherine D. McCormick, '04; recording-secretary, Elizabeth B. Babcock, '09; treasurer, Annie E. Allen, '92.

Technology Association of Worcester County: president, Albert S. Heywood, '92; vice-president, Frank E. Davis, '83; secretary-treasurer, Louis E. Vaughan, '02.

New York Club House

The Board of Governors at last have signed the lease for the club house which has been under negotiation for over a year. The terms are exceedingly favorable, and give control over the house at No. 17 Gramercy Park for fifteen years, with an option on renewal for five years more. This does not necessarily imply that the club will remain at No. 17 Gramercy Park for that time, but it is felt that in case we should decide to move, this will prove a valuable asset. Something must be done very promptly to relieve the congestion due to our recent growth.

The question as to whether an addition should be built to the present club house or whether we should sublet this house and move elsewhere is in the hands of a committee of which J. P. B. Fiske, '89, is chairman. The members of the club have recently received a letter from Mr. Fiske's committee asking for certain basic information as to the probable support for a new club house, and the conclusions of the committee will be largely determined by the responses they receive.

The latest returns indicate that between 500 and 800 Tech men will attend the Alumni dinner in New York.

MID - WINTER CONVENTION

***of* TECH MEN**

JANUARY 17 and 18, 1913

*Make your plans to be
in New York at that time
and attend the meetings
of the Technology Clubs
Associated and the Big
Alumni Dinner.*